



**HUMAN GENOME SCIENCES  
LEGAL DEPARTMENT**

**9410 Key West Avenue  
Rockville, MD 20850**

**Phone: 301-309-8504**

**Fax: 301-309-8439**

**FAX COVER SHEET**

Date: October 23, 2002

Total pages: 8

To: Group 1600 Customer Service Center  
U.S. Patent and Trademark Office

Fax 703-746-9195

From: Brenda Allen (301) 340-3459  
for Janet M. Martineau, Reg. No. 46,903 (301/315-2723)

Re: Application Serial No. 09/852,659 (Atty. Docket No. PZ003P4)

**TRANSMITTING:**

1. Request for Corrected Filing Receipt (2 pages);
2. Copy of Filing Receipt with correction noted thereon (3 pages); and
3. Copy of page 1 of the Specification of the instant Application, along with a copy of the PTO date-stamped postcard evidencing receipt of same (2 pages).

If you experience any difficulty receiving this transmission,  
please contact Brenda Allen at 301-340-3459

The information contained in this facsimile message is information protected by attorney-client and/or the attorney/work product privilege. It is intended only for the use of the individual named above and the privileges are not waived by virtue of this having been sent by facsimile. If the person actually receiving this facsimile or any other reader of the facsimile is not the named recipient or the employee or agent responsible to deliver it to the named recipient, any use, dissemination, distribution or copying of the communication is strictly prohibited. If you have received this communication in error, please immediately notify us by telephone and return the original message to us at the above address via U.S. Postal Service.

VIA FACSIMILE TRANSMISSION OCTOBER 23, 2002  
TO GROUP 1600 CUSTOMER SERVICE  
CENTER (703/746-9195)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Ruben et al.

Docket No.: PZ003P4

Application No.: 09/852,659 (Conf. No. 5111)

Group Art Unit: 1636

Filed: May 11, 2001

Examiner: Pappu, S.

For: 28 Human Secreted Proteins

**REQUEST FOR CORRECTED FILING RECEIPT**

Commissioner for Patents  
Washington, DC 20231  
ATTN: Customer Service Center

Dear Sir:

Applicants hereby request that a corrected Filing Receipt be issued in the above-identified patent application. Specifically, the Updated Filing Receipt, a copy of which is attached hereto with the requested correction noted thereon, has the following error:

1. Under the heading Domestic priority data as claimed by applicant, please change  
"WHICH CLAIMS BENEFIT OF 60/265,583 02/02/2001 \*" to read,  
-- AND CLAIMS BENEFIT OF 60/265,583 02/02/2001 --.

In support of the above request, Applicants hereby submit a copy of the first page of the Specification (*see*, first paragraph) as originally filed on May 11, 2001. Applicants further submit a copy of the PTO date-stamped postcard evidencing receipt of the Specification and on May 11, 2001, the date of the filing of this application.

Applicants additionally request that all pertinent U.S. Patent and Trademark Office records relating to the subject application be changed to reflect this correction.

Applicants believe that no fee is due in connection with this request since the error was generated by the Patent and Trademark Office. However, should the Patent and Trademark Office deem otherwise, please charge such fee to our Deposit Account No. 08-3425.

Dated: October 23, 2002

Respectfully submitted,

By

Janet M. Martineau

Registration No.: 46,903

HUMAN GENOME SCIENCES, INC.

9410 Key West Avenue

Rockville, MD 20850

Attorneys for Applicant

(301) 315-2723

KKH/JMM/FR/ba

**Telecopier Transmission Certificate**

Send date: October 23, 2002

I hereby certify that this paper and the attachments hereto are being sent by telecopier transmission to (703) 746-9195 on the above-indicated date to the attention of:

Group 1600 Customer Service Center  
U.S. Patent and Trademark Office  
Washington, D.C. 20231

Brenda P. Allen  
Name: Brenda P. Allen

Oct. 23, 2002  
Date



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/852,659	05/11/2001	1636	2276	PZ003P4	0	23	4

22195  
HUMAN GENOME SCIENCES INC  
9410 KEY WEST AVENUE  
ROCKVILLE, MD 20850

**RECEIVED**

CONFIRMATION NO. 5111

CORRECTED FILING RECEIPT

SEP 18 2002  
KKH JMM TRD  
HGS PATENT DEPT



\*OC000000008766036\*

Date Mailed: 09/11/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

Steven M. Ruben, Olney, MD;  
Craig A. Rosen, Laytonsville, MD;  
Yi Li, Sunnyvale, CA;  
Zhizhen Zeng, Lansdale, PA;  
Hia Kyaw, Frederick, MD;  
Carrie L. Fischer, Burke, VA;  
Haodong Li, Gaithersburg, MD;  
Daniel R. Soppet, Centreville, VA;  
Reiner L. Gentz, Rockville, MD;  
Ying-Fei Wei, Berkeley, CA;  
Paul A. Moore, Germantown, MD;  
Paul E. Young, Gaithersburg, MD;  
John M. Greene, Gaithersburg, MD;  
Ann M. Ferrie, Tewksbury, MA.

**Domestic Priority data as claimed by applicant**

THIS APPLICATION IS A CIP OF 09/152,060 09/11/1998 PAT 6,448,230  
AND ~~WHICH~~ CLAIMS BENEFIT OF 60/265,583 02/02/2001 \*  
AND IS A CIP OF PCT/US98/04858 03/12/1998  
WHICH CLAIMS BENEFIT OF 60/040,762 03/14/1997  
AND CLAIMS BENEFIT OF 60/040,710 03/14/1997  
AND CLAIMS BENEFIT OF 60/050,934 05/30/1997  
AND CLAIMS BENEFIT OF 60/048,100 05/30/1997  
AND CLAIMS BENEFIT OF 60/048,357 05/30/1997  
AND CLAIMS BENEFIT OF 60/048,189 05/30/1997  
AND CLAIMS BENEFIT OF 60/057,765 09/05/1997

AND CLAIMS BENEFIT OF 60/048,970 06/06/1997  
AND CLAIMS BENEFIT OF 60/068,388 12/19/1997  
(\*)Data provided by applicant is not consistent with PTO records.

**Foreign Applications**

If Required, Foreign Filing License Granted 07/19/2001

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No

**Title**

28 human secreted proteins

**Preliminary Class**

514

---

**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U S C 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)), the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U S C 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months

has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

## 28 Human Secreted Proteins

This application claims benefit under 35 U.S.C. 119(e) from U.S. Provisional Patent Application Serial No. 60/265,583 filed February 2, 2001, and this application is a continuation-in-part of, and claims benefit under 35 U.S.C. § 120 of copending United States patent application Serial No. 09/152,060, filed September 11, 1998, which is a continuation-in-part of, and claims benefit under 35 U.S.C. § 120 of copending International Application No. PCT/US98/04858, filed March 12, 1998, each of which are hereby incorporated by reference, which claims benefit under 35 U.S.C. § 119(e) based on U.S. Provisional Applications which are herein incorporated by reference:

	Filing Date	Appln Number
1.	14-Mar-1997	60/040,762
2.	14-Mar-1997	60/040,710
3.	30-May-1997	60/050,934
4.	30-May-1997	60/048,100
5.	30-May-1997	60/048,357
6.	30-May-1997	60/048,189
7.	05-Sep-1997	60/057,765
8.	06-Jun-1997	60/048,970
9.	19-Dec-1997	60/068,368

### Field of the Invention

This invention relates to newly identified polynucleotides, polypeptides encoded by these polynucleotides, antibodies that bind these polypeptides, uses of such polynucleotides, polypeptides, and antibodies, and their production.

### Background of the Invention

Unlike bacterium, which exist as a single compartment surrounded by a membrane, human cells and other eucaryotes are subdivided by membranes into many functionally distinct compartments. Each membrane-bounded compartment, or organelle, contains different proteins essential for the function of the organelle. The cell uses "sorting signals," which are amino acid motifs located within the protein, to target proteins to particular cellular organelles.

One type of sorting signal, called a signal sequence, a signal peptide, or a leader sequence, directs a class of proteins to an organelle called the endoplasmic

HUMAN GENOME SCIENCES, INC.

Please date stamp and return to addressee on reverse side

Applicants: Ruben et al.

Application No.: unassigned

Filed: Concurrently herewith

Title: 28 Human Secreted Proteins



Docket No. PZ003P4

**RECEIVED**

OCT 31 2002

TECH CENTER 1600/290

**Documents Filed Via Hand Delivery on May 11, 2001**

1. Postcard (2);
2. Utility Patent application transmittal letter;
3. Fee Transmittal Sheet (in duplicate);
4. 393 pgs of specification (including 5 pages of claims (23 claims) and 1 page of abstract)
5. Unexecuted Declaration (4 pgs.); and
6. Statement Under 37 C.F.R. § 1.821(f) with computer-readable diskette containing sequence listing and hard copy of sequence listing (74 pgs).

KH/SA/ur

Attn.: Legal Department

HUMAN GENOME SCIENCES, INC.PLEASE HOLD FOR  
SERIAL NUMBER

Please date stamp and return to addressee on reverse side

Applicants: Ruben et al.

Docket No. PZ003P4

Application No.: unassigned

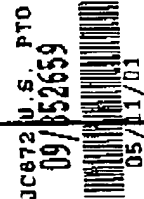
Filed: Concurrently herewith

Title: 28 Human Secreted Proteins

**RECEIVED**

MAY 16 2001

(D)

**Documents Filed Via Hand Delivery on May 11, 2001**

1. Postcard (2);
2. Utility Patent application transmittal letter;
3. Fee Transmittal Sheet (in duplicate);
4. 393 pgs of specification (including 5 pages of claims (23 claims) and 1 page of abstract)
5. Unexecuted Declaration (4 pgs.); and
6. Statement Under 37 C.F.R. § 1.821(f) with computer-readable diskette containing sequence listing and hard copy of sequence listing (74 pgs).

KH/SA/ur

Attn.: Legal Department